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W/ EXT(3) / # 18
PATENT
Attorney Docket 047763-5010
5.9.03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Carol Morris *et al.*)
Application No. 09/367,009) Group Art Unit: 1642
Filed: November 8, 1999) Examiner: Minh-Tam B. Davis
For: Diagnosis of Disease Using Tears)

AMENDMENT UNDER 37 C.F.R. 1.111

In response to the Office Action dated November 6, 2002 (Paper No. 17), the period for response to which has been extended three months to May 6, 2003 by the accompanying petition for extension of time, please amend the above-identified application as follows.

In the claims:

Please cancel claims 1, 3 and 6-12 without prejudice or disclaimer.

Please add claims 13-29 as follows:

13. A method of screening for, or detecting cancer in, an animal comprising:
(a) obtaining a tear sample from the animal; and
(b) detecting the presence of a protein having a molecular weight of about 10 kiloDaltons and a pI of about 5.1 in the tear sample; wherein the presence of the protein is indicative of predisposition to, or the presence of, cancer.

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16. The method according to claim 13 wherein the protein is detected by electrophoresis.
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17. The method according to claim 13 wherein the electrophoresis is two-dimensional gel electrophoresis.

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18. The method according to any one of claims 13-17 wherein the protein is detected by a labeled probe which binds to the protein.

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19. The method according to claim 18 wherein the probe binds to the N-terminus of the protein.

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03 FC:1253 930.00 CH

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01 FC:1202 90.00 CH
02 FC:1203 280.00 CH